



TOMBSTONE RIVER

101-15-19

101-15-10190



TOMBSTONE - Lower
braided area. 3 mi.
above mouth.



TOMBSTONE - 1/2 mi.
above mouth. Low
rapids area.



TOMBSTONE RIVER -
4 mi. above mouth



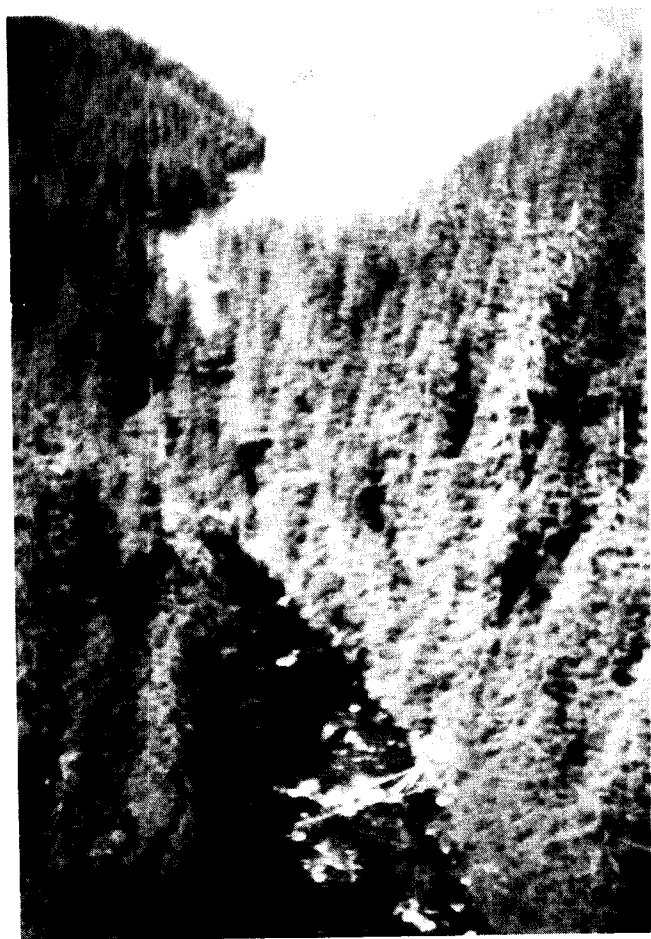
TOMBSTONE RIVER -
Station #1, looking
downstream



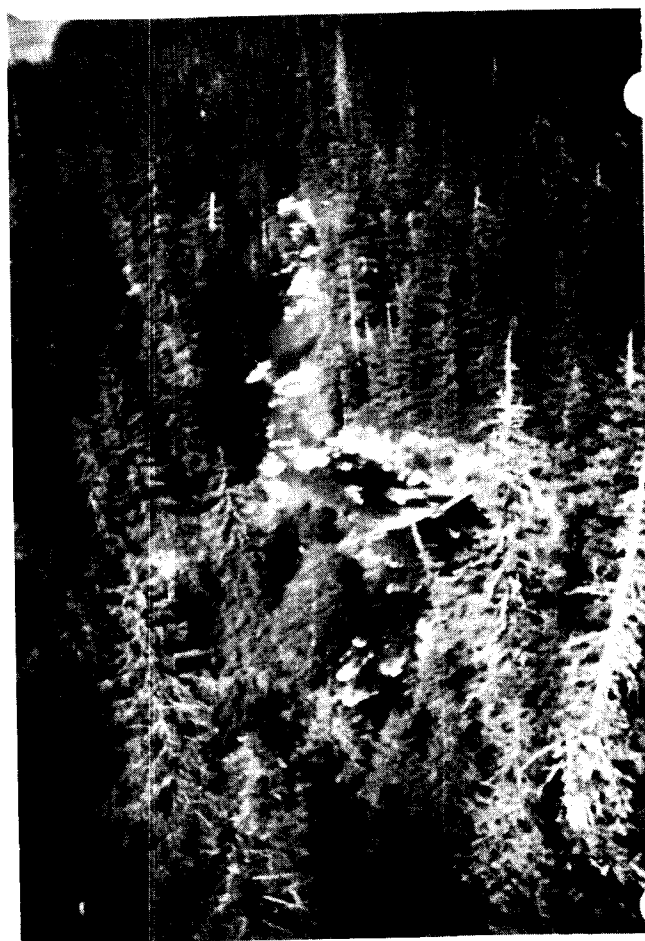
TOMBSTONE RIVER
Station #2, out
of tributary of
stone lake in the
ground.



TOMBSTONE RIVER -
Mouth



TOMBSTONE RIVER -
Mouth - Estuary



TOMBSTONE - 1-2 mi.
above mouth. Low
rapids area.

101-15-10190

Name Tombstone River Catalog No. 101-15-19
 Latitude N 55° 24' 42" 55° 23' 56" WR No. 1
 Longitude W 130° 03' 30" K No. 3
 Aeronatic Map No. Ketchikan B-1 Work Area Ketchikan
 Location Portland Canal Watershed Length 12 miles (10-1/2 access)
 Drainage Area of Watershed 33.6 sq. miles (polar planimeter)
 Water Supply Type Snowfields and glaciers supply majority of water. Groundwater and precipitation, secondary suppliers.
 Trails & Survey Routes A trail supposedly parallels the NW bank to the lake. The first mile above saltwater is by-passed.
 Aerial Survey Notes Excellent conditions available. Wide open stream with light colored substrate. Clear water, no turbidity.
 Anchorage Fair weather anchorage on north side of bay. Exposed to southern winds.
 Tide Stage When Surveyed 1st half of ebb.

FISHERY RESOURCES

Commercial Fisheries Chum, pink, red, king and coho salmon
 Escapement High historic - 150,000 (1971) 13 yr. ave. esc. 1961-73 - 70,400.
(36,960'L x 75'W x 50% ASA) Spawning area = 128,759 m².
 Species Composition 90% pink, 5% chum, 4% coho, 1% sockeye and king salmon
 Timing Early - July, August
 Schooling areas In the ITZ fish school along the south shoreline starting at Breezy Pt. with small balls. Large schools normally 1 mile south from creek.
 Shellfish Potential Dungeness crab and clams found along the shelf in Tombstone Bay.
 Sport Fisheries All species of salmon, cutthroat, Dolly Varden, steelhead, Halibut fishing in the bay during salmon runs.
 Land Use at Present None known concerning logging or mineral exploration.
 History of Land Use Kristovich family homestead at the mouth of the river (north side). Handlogging - mineral exploration.
 Rehabilitation Potential None necessary at the present time. Spawners have access to over ten miles of the stream.
 Soils Glacial till throughout entire system with very little stability in the upper watershed. High erosion potential if land use activities occur.

GAME RESOURCES

| | | |
|---------------|---|----------|
| Bear ----- | Fish carcasses or bones (old or fresh) on banks, estimate | - |
| | Number of droppings | 2 |
| Bease ----- | Number seen on tide flats | - |
| | Number seen up creek | 4 |
| | Number of broods seen | 0 |
| Boillards --- | Number seen on tide flats | - |
| | Number seen up creek | - |
| | Number of broods seen | - |
| Spawners - | Number of broods seen | 2 |
| Old Eagles- | Number seen along creek | - |
| | Number of nests seen and location | - |
| Seals ----- | Number seen at mouth of stream | - |
| Tide flats - | Estimate length along beach | 1/2 mile |
| | Estimate depth out from beach | 200 feet |
| | Bel grass present on what percent of flats | 4% |

PEAK ESCAPEMENT RECORD

Tombstone River
101-15-19

| DATE | PINK | CHUM | OTHER SPECIES | REMARKS |
|---------|---------|--------|---------------|---|
| 8-24-28 | 20,000 | 15,000 | | |
| 9-9-30 | 2,000 | 8,000 | 30 coho | |
| 9-23-40 | 500 | 300 | | |
| 8-22-48 | 4,580 | 110 | | 6 dead pink, 3 dead chum. |
| 7-18-49 | | | | 200 fish off mouth. |
| 7-26-50 | 200 | | | 1-2000 fish off mouth. |
| 8-25-53 | | 2,000 | | New fish. Poor visibility. |
| 7-4-55 | 2,500 | | | 475 pink at mouth. |
| 8-25-56 | 16,200 | 7,000 | | 5,000 pink at mouth. |
| | | on 8-3 | | |
| 8-7-57 | 1,900 | 1,800 | | |
| 9-2-58 | 2,100 | 1,800 | | |
| 6-29-59 | | | | No fish seen. |
| 8-28-60 | 1,500 | 500 | | |
| 8-23-61 | | 11,400 | | Fish to lake. |
| 8-6-62 | | 41,000 | | 2900 pink observed, 7-27. |
| 8-14-63 | | 63,800 | | Many spawning, a few 1000 dead. Visibility good. |
| 8-11-64 | 60,000 | 1,000 | | Ex. vis. 1000 at mouth. |
| 8-18-65 | 71,900 | | | Vis ex. chum - 5000 spawning. |
| 7-27-66 | 52,000 | 6,000 | | Vis ex. Fish up thru lake - chum spawning. |
| 8-24-67 | 103,000 | N.O. | | Ex. Vis. 1,100 above lake. 60% spawning. |
| 8-20-68 | 115,200 | 8,000 | | 7 balls @ mouth-chum? Few 100 dead. |
| 8-20-69 | 38,000 | 1,200 | | 1000 @ I.T. Ex. vis. Dogs & pinks spawning in upper stream. Pinks mostly schooled throughout. |
| 8-6-70 | 72,500 | 6,000 | | I.T. included in stream count. |